```
=> d que l52
L6             1 SEA FILE=REGISTRY ABB=ON  PLU=ON  223673-61-8/RN
L7             1 SEA FILE=REGISTRY ABB=ON  PLU=ON  223673-61-8/CRN
L8             4 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L6
L9             2 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L7
L10            4 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L8 OR L9
L11            1 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L6/DP OR L6/D
L12            0 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L7/DP OR L7/D
L13            4 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L10 OR L11 OR L12
L14          207 SEA FILE=HCAPLUS ABB=ON  PLU=ON  TAKASU, T?/AU
L15        14520 SEA FILE=HCAPLUS ABB=ON  PLU=ON  SATO, S?/AU
L16          420 SEA FILE=HCAPLUS ABB=ON  PLU=ON  UKAI, M?/AU
L17         5023 SEA FILE=HCAPLUS ABB=ON  PLU=ON  MARUYAMA, T?/AU
L18         2694 SEA FILE=HCAPLUS ABB=ON  PLU=ON  YAMANOUCHI PHARMACEUTICAL?
                 /CS,PA,SO
L19            3 SEA FILE=HCAPLUS ABB=ON  PLU=ON  (L14 OR L15 OR L16 OR L17
                 OR L18) AND L13
L20            1 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L13 NOT L19
L46            1 SEA FILE=REGISTRY ABB=ON  PLU=ON  223673-61-8/CRN
L47            1 SEA FILE=REGISTRY ABB=ON  PLU=ON  223673-61-8/RN
L48            2 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L46
L49            4 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L47
L50            4 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L48 OR L49
L51            1 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L50 NOT L19
L52            1 SEA FILE=HCAPLUS ABB=ON  PLU=ON  L51 OR  L20

=> d l51 ibib ed abs hitstr hitind
YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y


L51  ANSWER 1 OF 1  HCAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2006:359077  HCAPLUS  Full-text
DOCUMENT NUMBER:          144:404419
TITLE:                    Pharmaceutical composition using a
                          β3-adrenoceptor agonist for treatment of
                          complaints connected with disease changes or
                          irritations of the prostate
INVENTOR(S):              Michel, Martin Christian
PATENT ASSIGNEE(S):       Boehringer Ingelheim Pharma G.m.b.H. & Co. K.-G.,
                          Germany
SOURCE:                   Ger. Offen., 14 pp.
                          CODEN: GWXXBX
DOCUMENT TYPE:            Patent
LANGUAGE:                 German
FAMILY ACC. NUM. COUNT:   2
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.          DATE
     ---------------      ----   --------    --------------------     --------
     DE 102004050952       A1    20060420    DE 2004-102004050952     20041018
     WO 2006042679         A1    20060427    WO 2005-EP10975          20051012
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA,
             CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
             GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM,
             KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK,
             MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,
             RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ,
```

UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

US 2006084700 A1 20060420 US 2005-252838 20051018
PRIORITY APPLN. INFO.: DE 2004-102004050952A 20041018
US 2004-624590P P 20041103

ED Entered STN: 20 Apr 2006

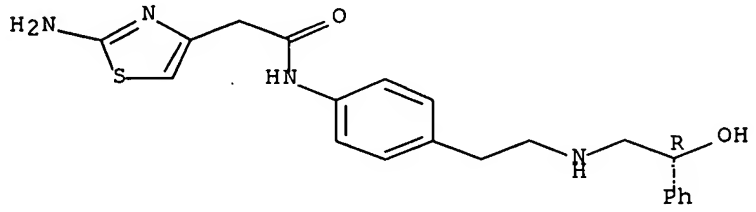
AB The invention describes the use of β3-adrenoceptor agonists for treatment of complaints connected with the prostate. Among complaints, as they arise with prostatitis, they revert back to inflammatory processes or chronic irritations or complaints as they accompany a benign change of the prostate. The invention is especially suitable for the treatment of benign prostatic hyperplasia.

IT **223673-61-8**
(β3-adrenoceptor agonist for treatment of complaints connected with disease changes or irritations of the prostate)

RN 223673-61-8 HCAPLUS

CN 4-Thiazoleacetamide, 2-amino-N-[4-[2-[[(2R)-2-hydroxy-2-phenylethyl]amino]ethyl]phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



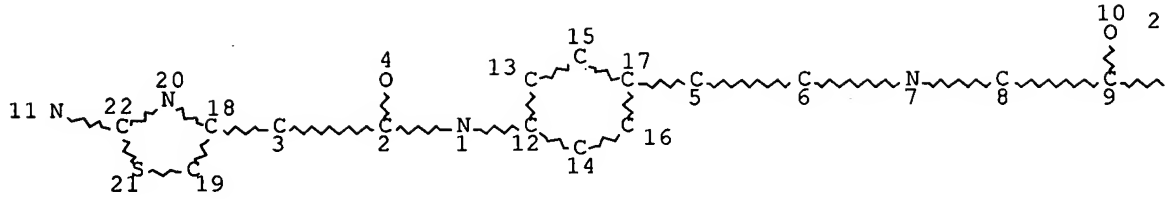
CC 1-12 (Pharmacology)
Section cross-reference(s): 63

IT 122-59-8D, Phenoxyacetic acid, derivs. 95840-76-9 138908-40-4 152357-12-5 159182-43-1 173901-95-6 190063-31-1 193760-08-6 207922-70-1 211030-99-8 220129-58-8 220129-58-8D, metabolites and enantiomers 221659-13-8 **223673-61-8** 255733-70-1 255733-73-4 255733-81-4 255733-94-9 255733-96-1 255734-04-4 255734-15-7 268728-18-3 303967-96-6 349636-69-7 373359-67-2 392630-57-8 392644-11-0 445307-55-1 445307-58-4 481702-56-1 883724-07-0 883724-08-1 883724-09-2 883724-10-5 883724-11-6
(β3-adrenoceptor agonist for treatment of complaints connected with disease changes or irritations of the prostate)

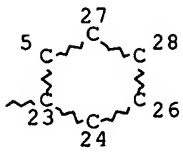
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d que 143
L41 STR

PRO



Page 1-A



Page 1-B
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 28

STEREO ATTRIBUTES: NONE
L43 0 SEA FILE=CASREACT SSS FUL L41 (0 REACTIONS)

```
=> d que l19
L6             1 SEA FILE=REGISTRY ABB=ON  PLU=ON  223673-61-8/RN
L7             1 SEA FILE=REGISTRY ABB=ON  PLU=ON  223673-61-8/CRN
L8             4 SEA FILE=HCAPLUS ABB=ON   PLU=ON  L6
L9             2 SEA FILE=HCAPLUS ABB=ON   PLU=ON  L7
L10            4 SEA FILE=HCAPLUS ABB=ON   PLU=ON  L8 OR L9
L11            1 SEA FILE=HCAPLUS ABB=ON   PLU=ON  L6/DP OR L6/D
L12            0 SEA FILE=HCAPLUS ABB=ON   PLU=ON  L7/DP OR L7/D
L13            4 SEA FILE=HCAPLUS ABB=ON   PLU=ON  L10 OR L11 OR L12
L14          207 SEA FILE=HCAPLUS ABB=ON   PLU=ON  TAKASU, T?/AU
L15        14520 SEA FILE=HCAPLUS ABB=ON   PLU=ON  SATO, S?/AU
L16          420 SEA FILE=HCAPLUS ABB=ON   PLU=ON  UKAI, M?/AU
L17         5023 SEA FILE=HCAPLUS ABB=ON   PLU=ON  MARUYAMA, T?/AU
L18         2694 SEA FILE=HCAPLUS ABB=ON   PLU=ON  YAMANOUCHI PHARMACEUTICAL?
                 /CS,PA,SO
L19            3 SEA FILE=HCAPLUS ABB=ON   PLU=ON  (L14 OR L15 OR L16 OR L17
                 OR L18) AND L13

=> d l19 1-3 ibib ed abs hitstr hitind
YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y

L19  ANSWER 1 OF 3  HCAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2004:412811  HCAPLUS  Full-text
DOCUMENT NUMBER:          140:400085
TITLE:                    Remedy for overactive bladder comprising acetic
                          acid anilide derivative as the active ingredient
INVENTOR(S):              Takasu, Toshiyuki; Sato, Shuichi
                          ; Ukai, Masashi; Maruyama,
                          Tatsuya
PATENT ASSIGNEE(S):       Yamanouchi Pharmaceutical Co.,
                          Ltd., Japan
SOURCE:                   PCT Int. Appl., 25 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 Japanese
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

    PATENT NO.            KIND   DATE        APPLICATION NO.          DATE
    ------------          ----   --------    -------------------      --------
    WO 2004041276          A1    20040521    WO 2003-JP14065          20031104
        W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
            CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB,
            GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ,
            LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
            NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,
            SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
            ZA, ZM, ZW
        RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
            AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE,
            DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
            SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
            MR, NE, SN, TD, TG
    CA 2503570             A1    20040521    CA 2003-2503570          20031104
    AU 2003284700          A1    20040607    AU 2003-284700           20031104
```

EP 1559427	A1	20050803	EP 2003-770134		20031104
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
BR 2003016080	A	20050927	BR 2003-16080		20031104
CN 1711085	A	20051221	CN 2003-80102889		20031104
JP 3815496	B2	20060830	JP 2004-549600		20031104
US 2006115540	A1	20060601	US 2005-534290		20050509
NO 2005002691	A	20050715	NO 2005-2691		20050606
PRIORITY APPLN. INFO.:			JP 2002-323792	A	20021107
			WO 2003-JP14065	W	20031104

ED Entered STN: 21 May 2004

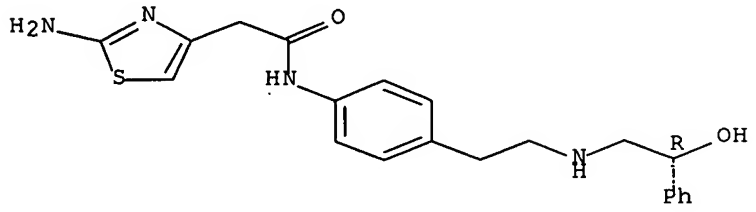
AB (R)-2-(2-aminothiazol-4-yl)-4'-[2-[(2-hydroxy-2-phenylethyl)amino]ethyl]acetic acid anilide or its salt shows a potent bladder relaxation effect in "isolated rat bladder smooth muscle relaxation test", dose-dependently lowers the contraction frequency of rhythmic bladder contractions in "rat rhythmic bladder contraction measurement test" and, moreover, prolongs the urination intervals in "urination function measurement test on cyclophosphamide-induced overactive bladder model rat". Owing to these effects, the above compound is useful as a remedy for overactive bladder.

IT **223673-61-8DP**, salts **223673-61-8P**
(remedy for overactive bladder comprising (R)-2-(2-aminothiazol-4-yl)-4'-[2-[(2-hydroxy-2-phenylethyl)amino]ethyl]acetic acid anilide derivative as the active ingredient)

RN 223673-61-8 HCAPLUS

CN 4-Thiazoleacetamide, 2-amino-N-[4-[2-[[(2R)-2-hydroxy-2-phenylethyl]amino]ethyl]phenyl]- (9CI) (CA INDEX NAME)

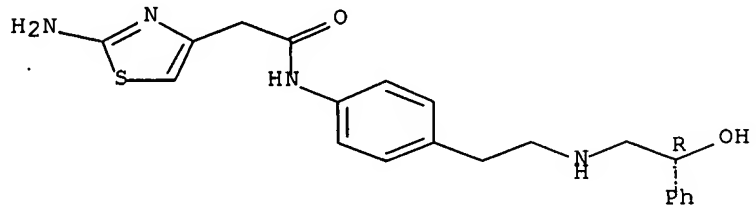
Absolute stereochemistry.



RN 223673-61-8 HCAPLUS

CN 4-Thiazoleacetamide, 2-amino-N-[4-[2-[[(2R)-2-hydroxy-2-phenylethyl]amino]ethyl]phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IC ICM A61K031-426
ICS A61P013-10; A61P013-00; C07D277-40
CC 1-10 (Pharmacology)
Section cross-reference(s): 28, 63
IT **223673-61-8DP**, salts **223673-61-8P**
(remedy for overactive bladder comprising (R)-2-(2-aminothiazol-4-yl)-4'-[2-[(2-hydroxy-2-phenylethyl)amino]ethyl]acetic acid anilide derivative as the active ingredient)

L19 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:356433 HCAPLUS Full-text
DOCUMENT NUMBER: 138:368881
TITLE: Process for preparation of α-form and β-form crystals of (R)-2-(2-aminothiazol-4-yl)-4'-[2-[(2-hydroxy-2-phenylethyl)amino]ethyl]acetanilide for treatment of diabetes
INVENTOR(S): Kawazoe, Souichirou; Sakamoto, Kenichirou; Awamura, Yuji; **Maruyama, Tatsuya**; Suzuki, Takayuki; Onda, Kenichi; **Takasu, Toshiyuki**
PATENT ASSIGNEE(S): **Yamanouchi Pharmaceutical** Co., Ltd., Japan
SOURCE: PCT Int. Appl., 29 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003037881	A1	20030508	WO 2002-JP11217	20021029
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2464068	A1	20030508	CA 2002-2464068	20021029
EP 1440969	A1	20040728	EP 2002-779929	20021029
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002013570	A	20041026	BR 2002-13570	20021029
HU 200401665	A2	20041129	HU 2004-1665	20021029
CN 1575287	A	20050202	CN 2002-821370	20021029
JP 3800220	B2	20060726	JP 2003-540162	20021029
ZA 2004003044	A	20050421	ZA 2004-3044	20040421
IN 2004KN00553	A	20070126	IN 2004-KN553	20040427
US 2005004190	A1	20050106	US 2004-494018	20040429
NO 2004002227	A	20040528	NO 2004-2227	20040528
PRIORITY APPLN. INFO.:			JP 2001-332914 A	20011030
			WO 2002-JP11217 W	20021029

ED Entered STN: 09 May 2003

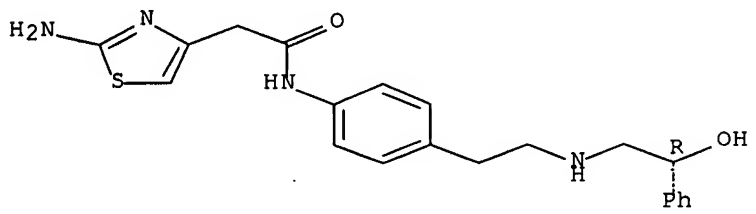
AB This invention pertains to prepn method for α-form and β-form crystals of (R)-2-(2-aminothiazol-4-yl)-4'-[2-[(2-hydroxy- 2-phenylethyl)amino]ethyl]acetanilide, which are useful as starting materials for a diabetes remedy. The α-form crystal has no hygroscopicity, has stability which makes the crystal usable in a medicine, and is useful for mass synthesis in industrial production The β-form crystal has relatively low hygroscopicity and is useful also as an intermediate for the α-form crystal. For example, the title compound was prepared in a four-step synthesis comprising coupling reactions in good yield. The α-form and β-form crystals of the title compound were prepared by recrystn. The title compound reduced blood sugar in rat with ED30 of <3.5 mg/kg/day.

IT **223673-61-8P**
(intermediate; preparation of (aminothiazolyl)acetanilide derivs. via coupling reactions for treatment of diabetes)

RN 223673-61-8 HCAPLUS

CN 4-Thiazoleacetamide, 2-amino-N-[4-[2-[[(2R)-2-hydroxy-2-phenylethyl]amino]ethyl]phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

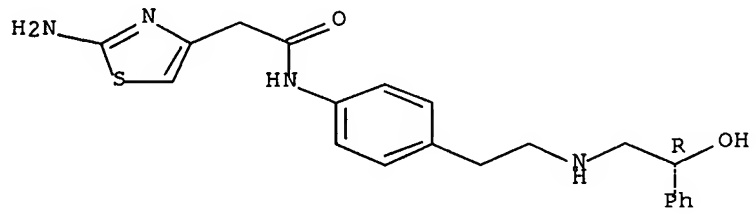


IT **223672-18-2P**
(preparation of (aminothiazolyl)acetanilide derivs. via coupling reactions for treatment of diabetes)

RN 223672-18-2 HCAPLUS

CN 4-Thiazoleacetamide, 2-amino-N-[4-[2-[[(2R)-2-hydroxy-2-phenylethyl]amino]ethyl]phenyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



●2 HCl

IC ICM C07D277-40
ICS A61K031-426; A61P003-10

CC 28-7 (Heterocyclic Compounds (More Than One Hetero Atom))
Section cross-reference(s): 1, 45
IT **223673-61-8P** 521284-19-5P 521284-21-9P 521284-22-0P
(intermediate; preparation of (aminothiazolyl)acetanilide derivs. via coupling reactions for treatment of diabetes)
IT **223672-18-2P**
(preparation of (aminothiazolyl)acetanilide derivs. via coupling reactions for treatment of diabetes)
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

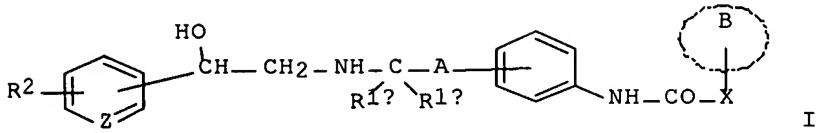
L19 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:282201 HCAPLUS Full-text
DOCUMENT NUMBER: 130:311793
TITLE: Preparation of amides as antidiabetics
INVENTOR(S): **Maruyama, Tatsuya**; Suzuki, Takayuki; Onda, Kenichi; Hayakawa, Masahiko; Moritomo, Hiroyuki; Kimizuka, Tetsuya; Matsui, Tetsuo
PATENT ASSIGNEE(S): **Yamanouchi Pharmaceutical** Co., Ltd., Japan
SOURCE: PCT Int. Appl., 45 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9920607	A1	19990429	WO 1998-JP4671	19981015
W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9889288	A	19990506	AU 1998-89288	19981013
AU 736676	B2	20010802		
CA 2305802	A1	19990429	CA 1998-2305802	19981015
AU 9894621	A	19990510	AU 1998-94621	19981015
BR 9804500	A	20000411	BR 1998-4500	19981015
EP 1028111	A1	20000816	EP 1998-947894	19981015
EP 1028111	B1	20040512		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
JP 3193706	B2	20010730	JP 2000-516949	19981015
TW 557295	B	20031011	TW 1998-87117145	19981015
AT 266639	T	20040515	AT 1998-947894	19981015
PT 1028111	T	20040930	PT 1998-947894	19981015
ES 2221204	T3	20041216	ES 1998-947894	19981015
CN 1218045	A	19990602	CN 1998-121375	19981016
CN 1136192	B	20040128		
HU 9802417	A2	19990830	HU 1998-2417	19981016
RU 2186763	C2	20020810	RU 1998-118906	19981016
US 6346532	B1	20020212	US 2000-529096	20000407
NO 2000001983	A	20000414	NO 2000-1983	20000414
NO 316673	B1	20040329		

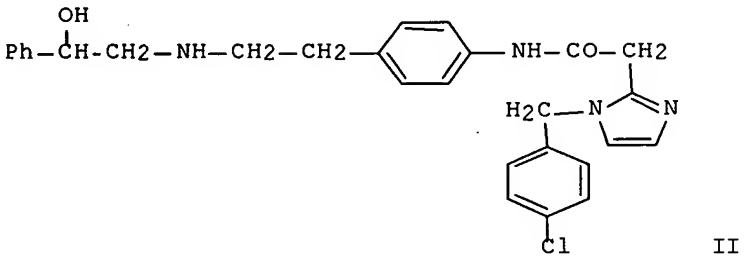
PRIORITY APPLN. INFO.: JP 1997-285778 A 19971017

WO 1998-JP4671 W 19981015

OTHER SOURCE(S): MARPAT 130:311793
ED Entered STN: 07 May 1999
GI



I



II

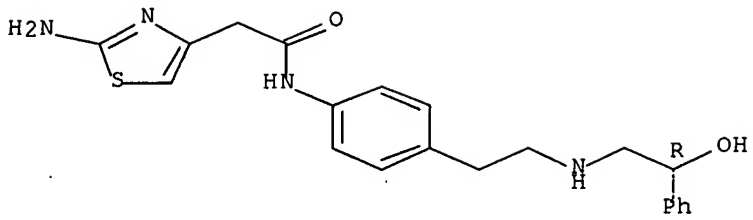
AB The title compds. I [ring B = an optionally substituted heteroaryl optionally fused with a benzene ring; X = a bond, lower alkylene or lower alkenylene (optionally substituted by hydroxy or lower alkyl), carbonyl, or NH (further details related to X are given); A = a lower alkylene or a group represented by (lower alkylene)-O; R1a and R1b = hydrogen or lower alkyl; R2 = hydrogen or halogeno; and Z = nitrogen or CH] are prepared I are useful as diabetes remedies which not only function to accelerate the secretion of insulin and enhance insulin sensitivity but also have an anti-obesity action and an antihyperlipemic action based on their selective stimulative action on β3 receptor. For example, imidazole derivative II was prepared Compds. of this invention significantly decreased blood sugar in mice.

IT **223672-18-2P 223673-61-8P**
(preparation of amides as antidiabetics)

RN 223672-18-2 HCAPLUS

CN 4-Thiazoleacetamide, 2-amino-N-[4-[2-[[(2R)-2-hydroxy-2-phenylethyl]amino]ethyl]phenyl]-, dihydrochloride (9CI) (CA INDEX NAME)

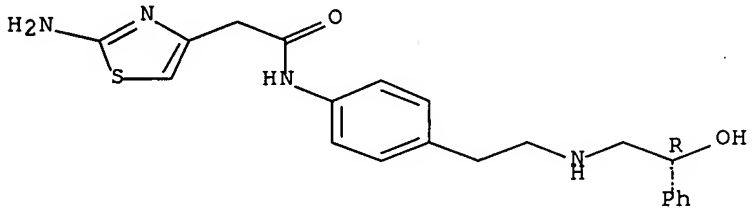
Absolute stereochemistry.



● 2 HCl

RN 223673-61-8 HCAPLUS
CN 4-Thiazoleacetamide, 2-amino-N-[4-[2-[[(2R)-2-hydroxy-2-phenylethyl]amino]ethyl]phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IC ICM C07D213-56
ICS C07D213-61; C07D213-64; C07D213-73; C07D213-81; C07D215-12; C07D215-48; C07D217-22; C07D231-12; C07D233-64; C07D241-20; C07D257-04; C07D277-40; C07D277-68; C07D285-08; C07D513-04; A61K031-41; A61K031-415; A61K031-425; A61K031-44
CC 28-9 (Heterocyclic Compounds (More Than One Hetero Atom))
Section cross-reference(s): 1, 27
IT 223672-09-1P 223672-10-4P 223672-11-5P 223672-12-6P
223672-13-7P 223672-14-8P 223672-15-9P 223672-16-0P
223672-17-1P **223672-18-2P** 223672-19-3P 223672-20-6P
223672-21-7P 223672-22-8P 223672-23-9P 223672-24-0P
223672-25-1P 223672-26-2P 223672-27-3P 223672-29-5P
223672-30-8P 223672-31-9P 223672-32-0P 223672-34-2P
223672-36-4P 223672-38-6P 223672-40-0P 223672-42-2P
223672-44-4P 223672-46-6P 223672-47-7P 223672-48-8P
223672-49-9P 223672-50-2P 223672-51-3P 223672-52-4P
223672-53-5P 223672-55-7P 223672-58-0P 223672-60-4P
223672-63-7P 223672-65-9P 223672-66-0P 223672-67-1P
223672-68-2P 223672-69-3P 223672-70-6P 223672-71-7P
223672-72-8P 223672-73-9P 223672-74-0P 223672-75-1P
223672-76-2P 223672-77-3P 223672-78-4P 223672-79-5P
223672-80-8P 223672-81-9P 223672-82-0P 223672-83-1P
223672-84-2P 223672-85-3P 223672-86-4P 223672-87-5P
223672-88-6P 223672-89-7P 223672-90-0P 223672-91-1P
223672-92-2P 223672-93-3P 223672-94-4P 223672-95-5P
223672-96-6P 223672-97-7P 223672-98-8P 223672-99-9P
223673-00-5P 223673-01-6P 223673-02-7P 223673-03-8P
223673-04-9P 223673-05-0P 223673-06-1P 223673-07-2P

223673-08-3P	223673-09-4P	223673-10-7P	223673-11-8P
223673-12-9P	223673-13-0P	223673-14-1P	223673-15-2P
223673-16-3P	223673-17-4P	223673-18-5P	223673-19-6P
223673-20-9P	223673-21-0P	223673-22-1P	223673-23-2P
223673-25-4P	223673-26-5P	223673-27-6P	223673-28-7P
223673-29-8P	223673-30-1P	223673-31-2P	223673-32-3P
223673-33-4P	223673-58-3P	223673-59-4P	223673-60-7P
223673-61-8P	223673-62-9P	223673-63-0P	223673-64-1P
223673-65-2P	223673-66-3P		

(preparation of amides as antidiabetics)

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
=> d his nofile

     (FILE 'HOME' ENTERED AT 14:40:16 ON 09 APR 2007)

     FILE 'HCAPLUS' ENTERED AT 14:40:25 ON 09 APR 2007
L1             1 SEA ABB=ON  PLU=ON  US20060115540/PN
                 SEL RN

     FILE 'REGISTRY' ENTERED AT 14:40:43 ON 09 APR 2007
L2             9 SEA ABB=ON  PLU=ON  (223673-61-8/BI OR 29676-71-9/BI OR
                 29968-78-3/BI OR 50-18-0/BI OR 521284-19-5/BI OR 521284-20-
                 8/BI OR 521284-21-9/BI OR 521284-22-0/BI OR 611-71-2/BI)
L3             0 SEA ABB=ON  PLU=ON  L2 AND AMINOTHIO?
L4             1 SEA ABB=ON  PLU=ON  L2 AND AMINOTHIA?
L5             1 SEA ABB=ON  PLU=ON  L2 AND  4-THIAZOLEACETAMIDE
L6             1 SEA ABB=ON  PLU=ON  223673-61-8/RN
L7             1 SEA ABB=ON  PLU=ON  223673-61-8/CRN

     FILE 'HCAPLUS' ENTERED AT 15:05:22 ON 09 APR 2007
L8             4 SEA ABB=ON  PLU=ON  L6
L9             2 SEA ABB=ON  PLU=ON  L7
L10            4 SEA ABB=ON  PLU=ON  L8 OR L9
L11            1 SEA ABB=ON  PLU=ON  L6/DP OR L6/D
L12            0 SEA ABB=ON  PLU=ON  L7/DP OR L7/D
L13            4 SEA ABB=ON  PLU=ON  L10 OR L11 OR L12
L14          207 SEA ABB=ON  PLU=ON  TAKASU, T?/AU
L15        14520 SEA ABB=ON  PLU=ON  SATO, S?/AU
L16          420 SEA ABB=ON  PLU=ON  UKAI, M?/AU
L17         5023 SEA ABB=ON  PLU=ON  MARUYAMA, T?/AU
L18         2694 SEA ABB=ON  PLU=ON  YAMANOUCHI PHARMACEUTICAL?/CS,PA,SO
L19            3 SEA ABB=ON  PLU=ON  (L14 OR L15 OR L16 OR L17 OR L18) AND
                 L13
L20            1 SEA ABB=ON  PLU=ON  L13 NOT L19

     FILE 'REGISTRY' ENTERED AT 15:09:19 ON 09 APR 2007
                 E  C21 H24 N4 O2 S/MF
L21         1363 SEA ABB=ON  PLU=ON  "C21 H24 N4 O2 S"/MF
L22          138 SEA ABB=ON  PLU=ON  L21 AND THIAZO?
L23           61 SEA ABB=ON  PLU=ON  L22 AND 3/NR
L24            1 SEA ABB=ON  PLU=ON  L23 AND HYDROXY?
L25            1 SEA ABB=ON  PLU=ON  29676-71-9/RN
L26            1 SEA ABB=ON  PLU=ON  29968-78-3/RN
L27            1 SEA ABB=ON  PLU=ON  521284-19-5/RN
L28            1 SEA ABB=ON  PLU=ON  521284-20-8/RN
L29            1 SEA ABB=ON  PLU=ON  521284-21-9/RN
L30            1 SEA ABB=ON  PLU=ON  521284-22-0/RN
L31            5 SEA ABB=ON  PLU=ON  (L26 OR L27 OR L28 OR L29 OR L30)

     FILE 'HCAPLUS' ENTERED AT 15:14:24 ON 09 APR 2007
L32           83 SEA ABB=ON  PLU=ON  L25
L33          114 SEA ABB=ON  PLU=ON  L31
L34            2 SEA ABB=ON  PLU=ON  L32 AND L33

     FILE 'REGISTRY' ENTERED AT 15:14:56 ON 09 APR 2007
L35            0 SEA ABB=ON  PLU=ON  L6 AND MEDLINE/LC
L36            0 SEA ABB=ON  PLU=ON  L6 AND BIOSIS/LC
L37            0 SEA ABB=ON  PLU=ON  L6 AND DRUGU/LC
L38            0 SEA ABB=ON  PLU=ON  L6 AND EMBASE/LC
```

```
     FILE 'CASREACT' ENTERED AT 15:16:16 ON 09 APR 2007
L39             STR 223673-61-8
L40           0 SEA SSS SAM L39 (      0 REACTIONS)
L41             STR L39
L42           0 SEA SSS SAM L41 (      0 REACTIONS)
L43           0 SEA SSS FUL L41 (      0 REACTIONS)

     FILE 'REGISTRY' ENTERED AT 15:20:04 ON 09 APR 2007
               E C21 H24 N4 O2 S/MF
L44          52 SEA ABB=ON  PLU=ON  ("C21 H24 N4 O2 S . 1/2 C2 H6 O6
               S2"/MF OR "C21 H24 N4 O2 S . 2 CL H"/MF OR "C21 H24 N4 O2
               S . 3 CL H"/MF OR "C21 H24 N4 O2 S . BR H"/MF OR "C21 H24
               N4 O2 S . C H4 O3 S"/MF OR "C21 H24 N4 O2 S . C2 H F3
               O2"/MF OR "C21 H24 N4 O2 S . C2 H4 O2"/MF OR "C21 H24 N4
               O2 S . C21 H24 N4 O2 S"/MF OR "C21 H24 N4 O2 S . C4 H4
               O4"/MF OR "C21 H24 N4 O2 S . C7 H8 O3 S"/MF OR "C21 H24 N4
               O2 S . CL H"/MF OR "C21 H24 N4 O2 S . H2 O4 S"/MF OR "C21
               H24 N4 O2 S . K"/MF OR "C21 H24 N4 O2 S . NA"/MF OR "C21
               H24 N4 O2 S . X C2 H F3 O2"/MF OR "C21 H24 N4 O2 S . X C2
               H2 O4"/MF OR "C21 H24 N4 O2 S . X C4 H4 O4"/MF OR "C21 H24
               N4 O2 S . X CL H"/MF)
L45           1 SEA ABB=ON  PLU=ON  L44 AND HYDROXY?
L46           1 SEA ABB=ON  PLU=ON  223673-61-8/CRN
L47           1 SEA ABB=ON  PLU=ON  223673-61-8/RN

     FILE 'HCAPLUS' ENTERED AT 15:25:13 ON 09 APR 2007
L48           2 SEA ABB=ON  PLU=ON  L46
L49           4 SEA ABB=ON  PLU=ON  L47
L50           4 SEA ABB=ON  PLU=ON  L48 OR L49
L51           1 SEA ABB=ON  PLU=ON  L50 NOT L19
L52           1 SEA ABB=ON  PLU=ON  L51 OR  L20
L53           0 SEA ABB=ON  PLU=ON  L46/DP OR /49/D
L54           0 L38 NOT L49
```